ORDER NO. MD0506270C8

Service Manual

Subwoofer System

SB-W335EG

Colour

(S)... Silver Type

SPECIFICATIONS

Specification

Type	**1 way, 1 speaker system (Bass-ref.)**
Speaker unit(s)	**Impedance 4 Ω**
Subwoofer	**16 cm Cone type**
Input power (IEC)	**90 W (Max)**
Output sound pressure	**80 dB/W (1.0 m)**
Frequency range	**29 Hz - 173 Hz (-16 dB)**
	33 Hz - 148 Hz (-10 dB)
Dimensions (W x H x D)	**175 mm x 345 mm x 295 mm**
Mass	**3.3 kg**

Notes :

1. **Specifications are subject to change without notice.**
2. **Mass and dimensions are approximate.**

■ **For HT330**

■ **System : SC-HT330EB-S**	**Music Center : SA-HT330EB-S**
	Front Speaker : SB-FS335EG-S
	Surround Speaker : SB-FS335EG-S
	Center Speaker : SB-PC335EG-S
	Active Subwoofer : SB-W335EG-S
■ **System : SC-HT330GCPS**	**Music Center : SA-HT330GCPS**
	Front Speaker : SB-FS335EG-S
	Surround Speaker : SB-FS335EG-S
	Center Speaker : SB-PC335EG-S
	Active Subwoofer : SB-W335EG-S
■ **System : SC-HT330GCSS**	**Music Center : SA-HT330GCSS**
	Front Speaker : SB-FS335EG-S
	Surround Speaker : SB-FS335EG-S
	Center Speaker : SB-PC335EG-S
	Active Subwoofer : SB-W335EG-S
■ **System : SC-HT330GCTS**	**Music Center : SA-HT330GCTS**
	Front Speaker : SB-FS335EG-S
	Surround Speaker : SB-FS335EG-S
	Center Speaker : SB-PC335EG-S
	Active Subwoofer : SB-W335EG-S
■ **System : SC-HT330GN-S**	**Music Center : SA-HT330GN-S**
	Front Speaker : SB-FS335EG-S
	Surround Speaker : SB-FS335EG-S
	Center Speaker : SB-PC335EG-S
	Active Subwoofer : SB-W335EG-S
■ **System : SC-HT330GS-S**	**Music Center : SA-HT330GS-S**
	Front Speaker : SB-FS335EG-S
	Surround Speaker : SB-FS335EG-S
	Center Speaker : SB-PC335EG-S
	Active Subwoofer : SB-W335EG-S

■ System : SC-HT330GC-S — Music Center : SA-HT330GC-S
Front Speaker : SB-FS335EG-S
Surround Speaker : SB-FS335EG-S
Center Speaker : SB-PC335EG-S
Active Subwoofer : SB-W335EG-S

■ For HT335

■ System : SC-HT335E-S — Music Center : SA-HT335E-S
Front Speaker : SB-FS335EG-S
Surround Speaker : SB-FS335EG-S
Center Speaker : SB-PC335EG-S
Active Subwoofer : SB-W335EG-S

■ System : SC-HT335EE-S — Music Center : SA-HT335EE-S
Front Speaker : SB-FS335EG-S
Surround Speaker : SB-FS335EG-S
Center Speaker : SB-PC335EG-S
Active Subwoofer : SB-W335EG-S

■ System : SC-HT335EG-S — Music Center : SA-HT335EG-S
Front Speaker : SB-FS335EG-S
Surround Speaker : SB-FS335EG-S
Center Speaker : SB-PC335EG-S
Active Subwoofer : SB-W335EG-S

Speaker System	SB-HT335EG-S
Front & Surround Speakers	SB-FS335EG-S
Center Speaker	SB-PC335EG-S

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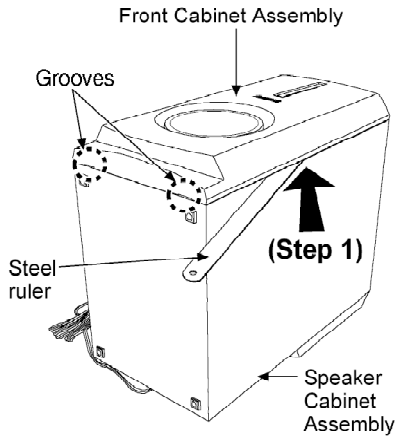
⚠ WARNING

This service information is designed for experienced repair technicians only and is not designed for use by the general public.
It does not contain warnings or cautions to advise non-technical individuals of potential dangers in attempting to service a product.
Products powered by electricity should be serviced or repaired only by experienced professional technicians. Any attempt to service or repair the product or products dealt with in this service information by anyone else could result in serious injury or death.

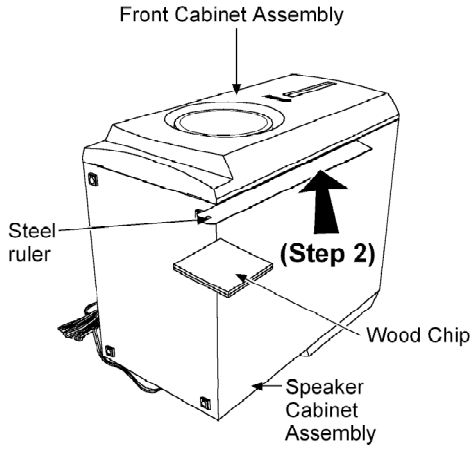
Panasonic

1. Disassembly Process

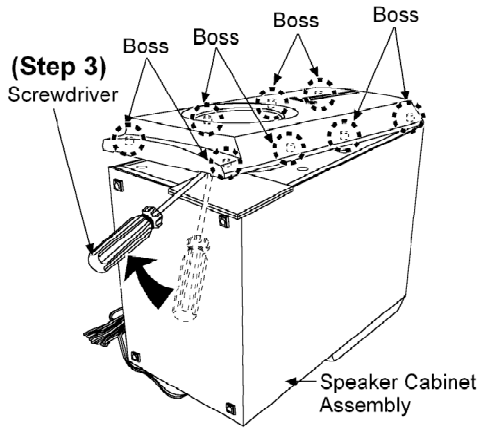
1.1. Disassembly of the Front Cabinet Assembly



Step 1: Slot in a steel ruler to make a gap allowance between the Front Cabinet Assembly and the Speaker Cabinet Assembly as arrow shown.

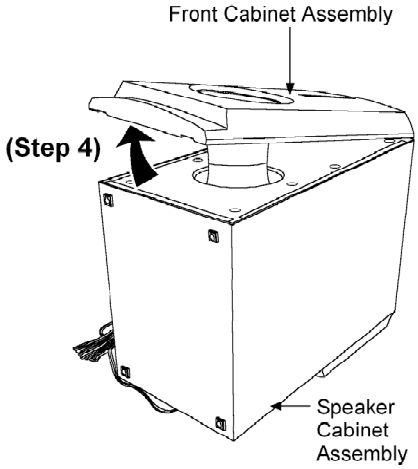


Step 2: Slot a piece of wood chip in between the Front Cabinet Assembly and the steel ruler as arrow shown.



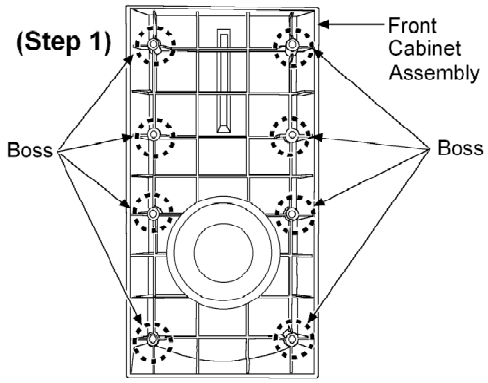
Step 3: Use the screwdriver to slightly lift up the Front Cabinet Assembly as arrow shown. Ensure that the screwdriver is above the wood chip block when doing the process.

Note:
Be careful with the bosses which are glued to the Speaker Cabinet Assembly.

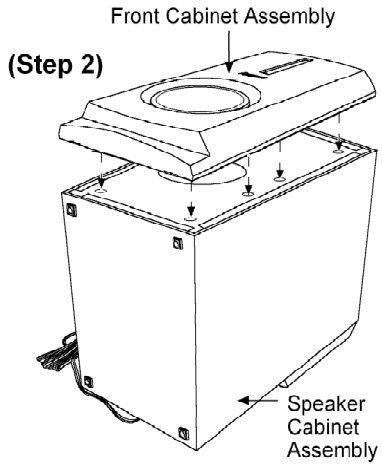


Step 4: Remove the Front Cabinet Assembly from the Speaker Cabinet Assembly as arrow shown.

1.1.1. Assembly of the Front Cabinet Assembly

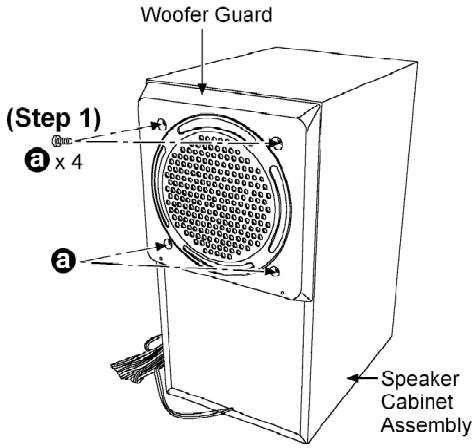


Step 1: Clean up the remaining glue at the 8 bosses as arrow shown and replace with the normal glue.

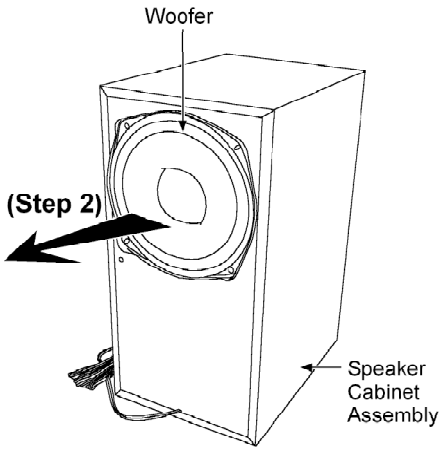


Step 2: Replace the Front Cabinet Assembly firmly back to the Speaker Cabinet Assembly.

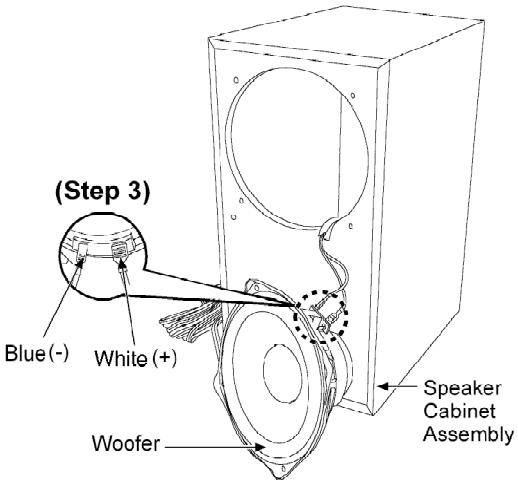
1.2. Disassembly of the Woofer



Step 1: Remove all 4 screws from the Woofer Guard.



Step 2: Take out the Woofer from Speaker Cabinet Assembly as arrow shown.



Step 3: Remove the Woofer by detaching the (+) white and (-) blue wires.

2. Connection of the Speaker Cables

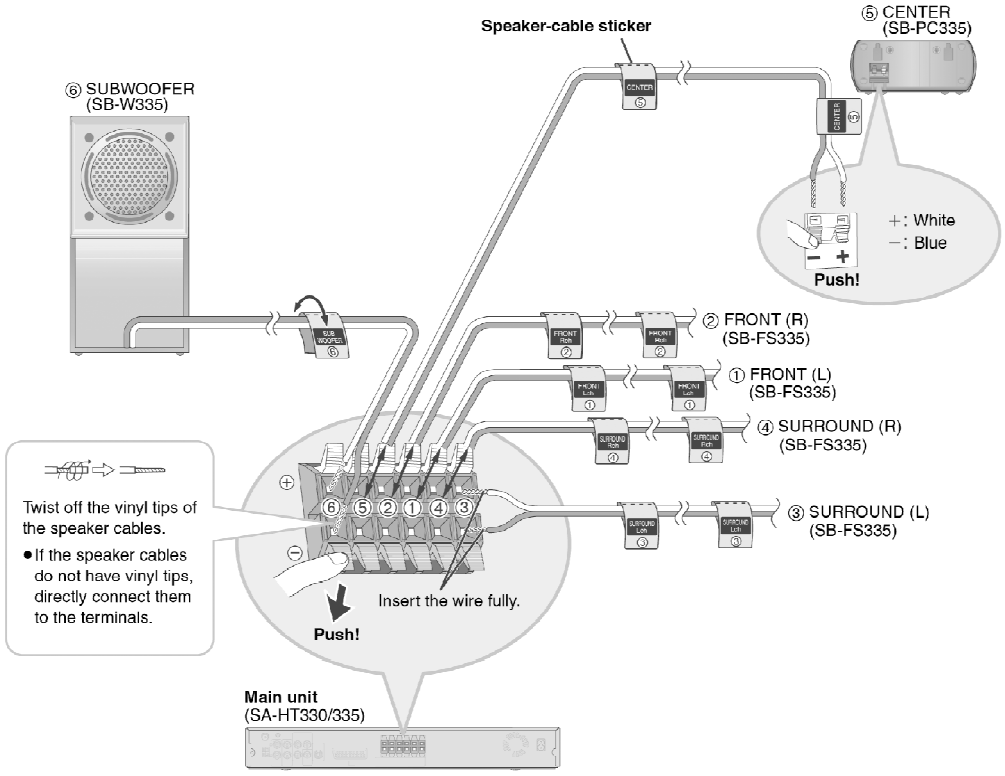
- Be sure to connect speaker cables before connecting the AC power supply cord.

- The load impedance of any speaker used with this unit must be 4 Ω .

- Be sure to connect the cable from the right speaker to the right terminal and the cable from the left speaker to the left terminal.

1. Strip off the outer covering, and twist the center conductor. Make sure the bare ends of the wires are not unravelled. (If they are, twist them tight again.)

2. Insert the wire to the rear panel of the unit and close the lever.

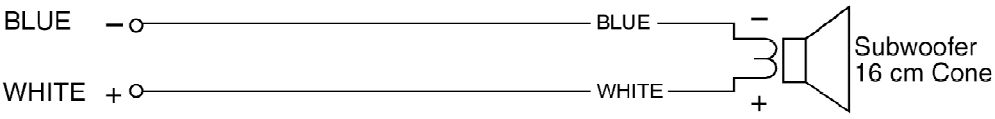


Notes :

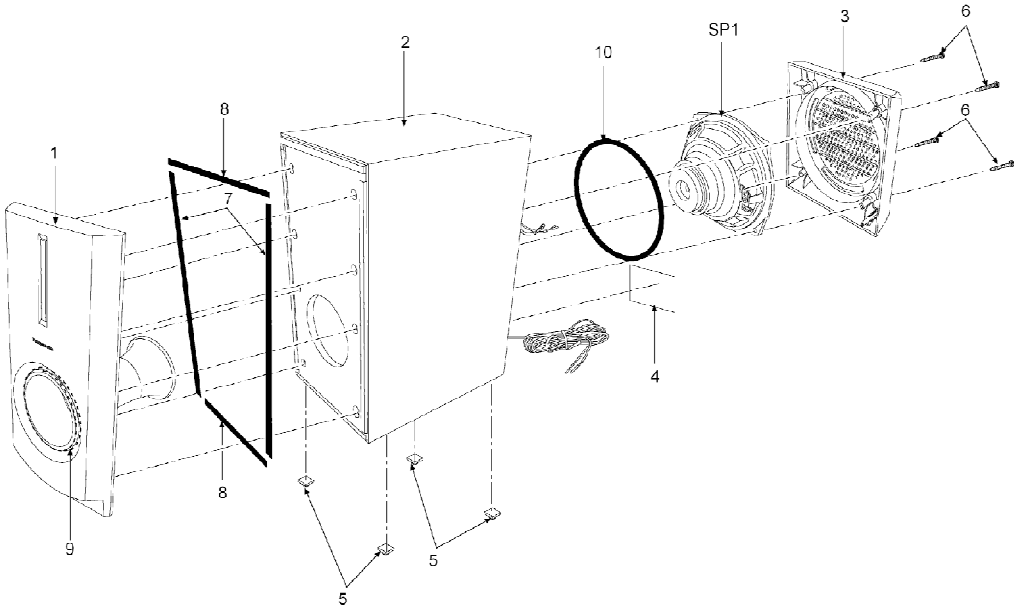
- To prevent damage to circuitry, never short-circuit positive (+) and negative (-) speaker wires.

- Be sure to connect only positive (white) wires to positive (+) terminals and negative (blue) wires to negative (-) terminals. Incorrect connection can damage the speakers.

3. Connection of Wiring Diagram



4. Cabinet Parts Location



5. Replacement Parts List

Notes :

- Important safety notice :

When replacing any of these components, be sure to use only manufacturer's specified parts shown in the parts list.

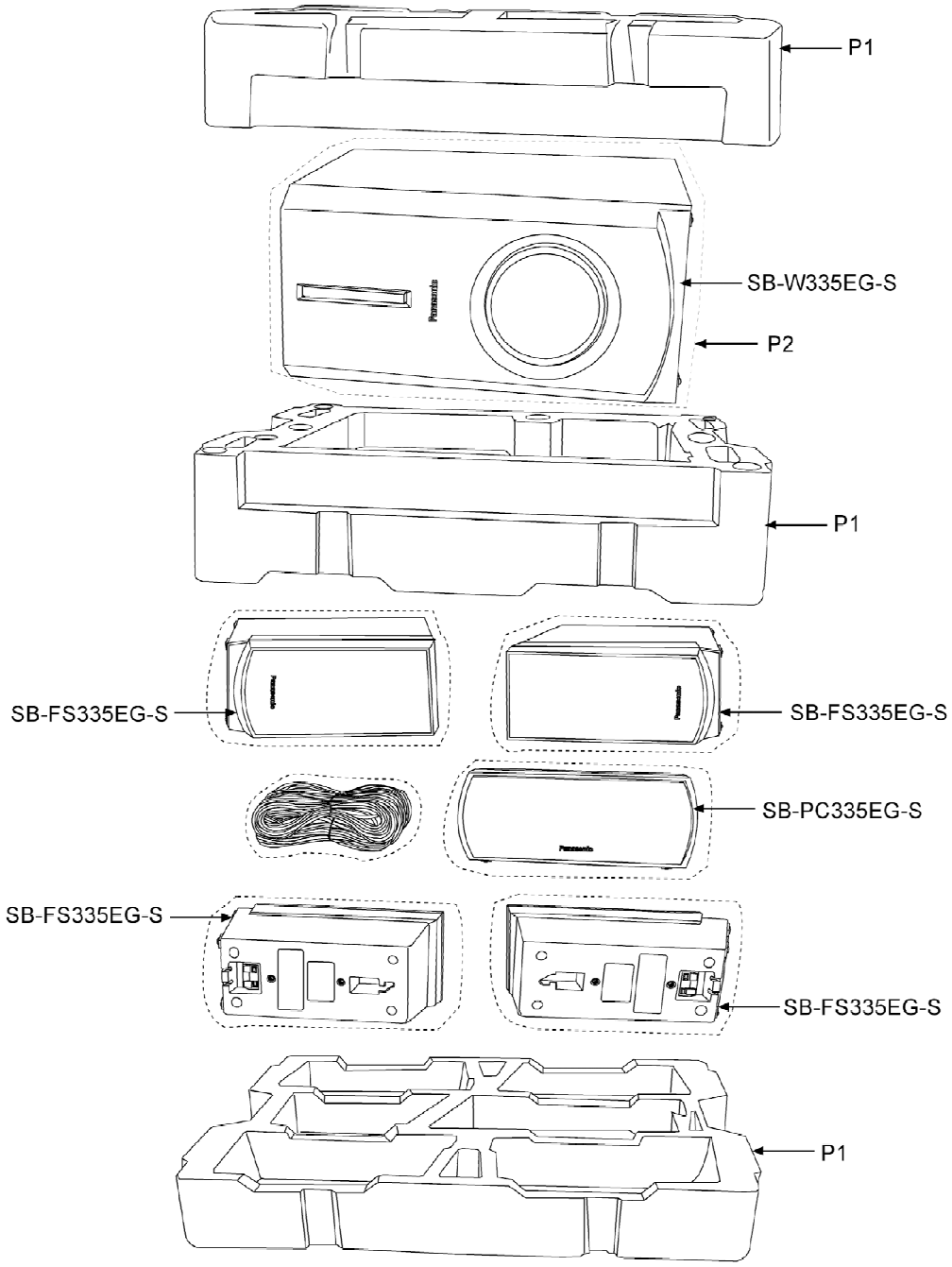
- [M] indicates in the Remarks columns indicates parts supplied by PAVCSG.

Ref. No.	Part No.	Part Name & Description	Remarks
		CABINET AND CHASSIS	
1	RYBX0100-S	FRONT CABINET ASS'Y	[M]
2	RFKHBW335EGS	SPK CABINET ASS'Y	[M]
3	RMVX0090	WOOFER GUARD	[M]
4	RGNX0287-K	SPEC LABEL	[M]
5	RKA0072-KJ	LEG CUSHION	[M]
6	XTB4+25AF-K	SCREW	[M]
7	RMFX0044	HIMELON (LONG)	[M]
8	RMFX0045	HIMELON (SHORT)	[M]
9	RMQX0135-1	EVA PACK (PORT)	[M]
10	RMQX0136	EVA PACK (WOOFER)	[M]
		ACCESSORIES	
A1	REEX0449B-1J	SPEAKER CORD 4M	[M]
A2	REEX0449E-1J	SPEAKER CORD 8M	[M]
		PACKING MATERIALS	
P1	RPNX0327	POLYFOAM SET (3PCS)	[M]
P2	RPFX0138	MIRAMAT BAG	[M]

Ref. No.	Part No.	Part Name & Description	Remarks
		SPEAKER	
SP1	L0AA16A00017	WOFFER UNIT	[M]

6. Packaging (SB-HT335EG-S & SB-W335EG-S)

Note: The diagram below shows the packaging for SB-HT335EG-S & SB-W335EG-S.



Accessories		
A1		REEX0449B-1J (4M x 3)
A2		REEX0449E-1J (8M x 2)

FLE0506W/S